

1 CLAIMS

2 What is claimed is:

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4 1. A machine for finishing automotive wheels comprising;
5 a rotatable turret;
6 a plurality of containers that are journaled on said turret and capable of selective
7 rotation independent of said turret;

8 a plurality of removable cartridges insertable from the end into each of said
9 containers for holding automotive wheels in said cartridges for selective reception of
10 said media about the wheels.

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12 2. A machine as claimed in claim 1 wherein said turret has openings for
13 receiving said cartridges for insertion into said containers.

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15 3. A machine as claimed in claim 1 further comprising a plurality of two part
16 supports for placement around said wheels that stably hold said automotive wheels in
17 said cartridges for selective reception of said media about the surface that require
18 finishing on the wheels.

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20 4. A machine as claimed in claim 3 wherein said supports are cushioned
21 about the surface that makes contact with said wheels.

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23 5. A machine as claimed in claim 1 wherein said cartridges are generally
24 cylindrical having a hexagonal cross section.

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2 6. A machine as claimed in claim 5 wherein said containers are generally
3 cylindrical.
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5 7. A machine as claimed in claim 1 wherein said containers are barrel cages.
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7 8. A machine for finishing automotive wheels comprising:
8 a rotatable turret;
9 a plurality of barrel cages that are journaled on said turret and capable of
10 selective rotation independent of said turret;
11 a plurality of cartridges capable of receiving media and of being stably held inside
12 barrel cages; and
13 a fixture in said cartridges that holds automotive wheels in said containers for
14 reception of said media.
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17 9. A machine as claimed in claim 8 wherein said cartridges are generally
18 cylindrical having a hexagonal cross section.
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20 10. The invention of claim 8 wherein said fixture is a plurality of two-part
21 cushioned supports for placement around said wheels.
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23 11. The machine as claimed in claim 8 wherein said cartridges are end
24 loaded into said barrel cages and stably held therein.
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1 12. The machine as claimed in claim 8 wherein said cartridges are end loaded
2 via a conveyor into the barrel cages and stably held therein.

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4 13. The machine as claimed in claim 8 wherein said turrets have openings for
5 receiving said cartridge into said cages.

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7 14. The machine as claimed in claim 8 wherein said fixture comprises a two
8 part support about each wheel that is capable of permitting selective reception of said
9 media about the surface of the wheel that requires finishing.

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11 15. A machine for finishing automotive wheels comprising;
12 a rotatable turret;
13 a plurality of containers that are journaled on said turret and capable of selective
14 rotation independent of said turret;
15 a plurality of removable cartridges insertable from the end of the turret into each
16 of said containers and fixed in said containers at an incline, said cartridges holding
17 automotive wheels for selective reception of said media about the wheels.

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19 16. The machine as claimed in claim 15 wherein said incline is approximately
20 5 to 10 degrees.

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22 17. The machine as claimed in claim 15 wherein said cartridges are loaded
23 via an inclined ramp.